

The following Listing of the Claims will replace all prior versions and all prior listings of the claims in the present application:

Listing of The Claims:

1. (currently amended) An implant for treating biological tissue comprising:
therapeutic material associated with a scaffold structure that is implantable within tissue, the scaffold being relatively rigid and having an interior chamber with at least one opening to the interior; wherein the therapeutic material is associated with the interior of the scaffold.
2. (canceled)
3. (original) A tissue implant as defined in claim 1 wherein the scaffold defines an exterior surface and the therapeutic material is associated with the exterior surface.
4. (original) A tissue implant as defined in claim 1 wherein the scaffold structure is porous and a therapeutic material is associated within the pores of the structure.
5. (original) A tissue implant as defined in claim 1 wherein the therapeutic material defines a plurality of cells.
6. (currently amended) A tissue implant as defined in claim 1 wherein the therapeutic material comprises ~~defines~~ tissue.
7. (original) A tissue implant as defined in claim 1 wherein the therapeutic material comprises precursor cells.
8. (original) A tissue implant as defined in claim 1 wherein the therapeutic material comprises stem cells.

9. (original) A tissue implant as defined in claim 1 wherein the therapeutic material comprises a cardiomyocyte.

10. (original) A tissue implant as defined in claim 1 wherein the therapeutic material comprises DNA.

11. (original) A tissue implant as defined in claim 1 wherein the therapeutic material comprises skeletal myoblasts.

12. (original) A tissue implant as defined in claim 1 wherein the therapeutic material is joined to the scaffold structure by surgical adhesive.

13. (original) A tissue implant as defined in claim 1 wherein the therapeutic material is applied as a coating to the scaffold structure.

14. (original) A tissue implant as defined in claim 12 wherein the coating is adhered to the scaffold structure by opposite electrical charges.

15. (original) A tissue implant as defined in claim 1 wherein the therapeutic material is maintained in a gel form that is associated with the scaffold.

16. (original) A tissue implant as defined in claim 1 wherein the therapeutic material is suspended in a liquid that is applied to the scaffold after it has been implanted in tissue.

17. (original) A tissue implant as defined in claim 1 wherein the scaffold further comprises a coil body.

18. (currently amended) A tissue implant device as defined in claim 1 wherein the scaffold further comprises a mesh tube.

19. (original) A tissue implant as defined in claim 1 wherein the scaffold structure further comprises a porous pellet.

20. (original) A tissue implant as defined in claim 1 wherein the scaffold structure comprises a surgical grade stainless steel.

21. (original) A tissue implant as defined in claim 1 wherein the scaffold structure comprises a nickel titanium alloy.

22. (original) A tissue implant as defined in claim 1 wherein the scaffold structure comprises a biodegradable polymer.

23. (original) A myocardial implant comprising:
an angiogenic implant device having associated with it a therapeutic material configured to improve cardiac muscle function.

24-27. (canceled)

28-31. (canceled)

32. (canceled)

33. (canceled)